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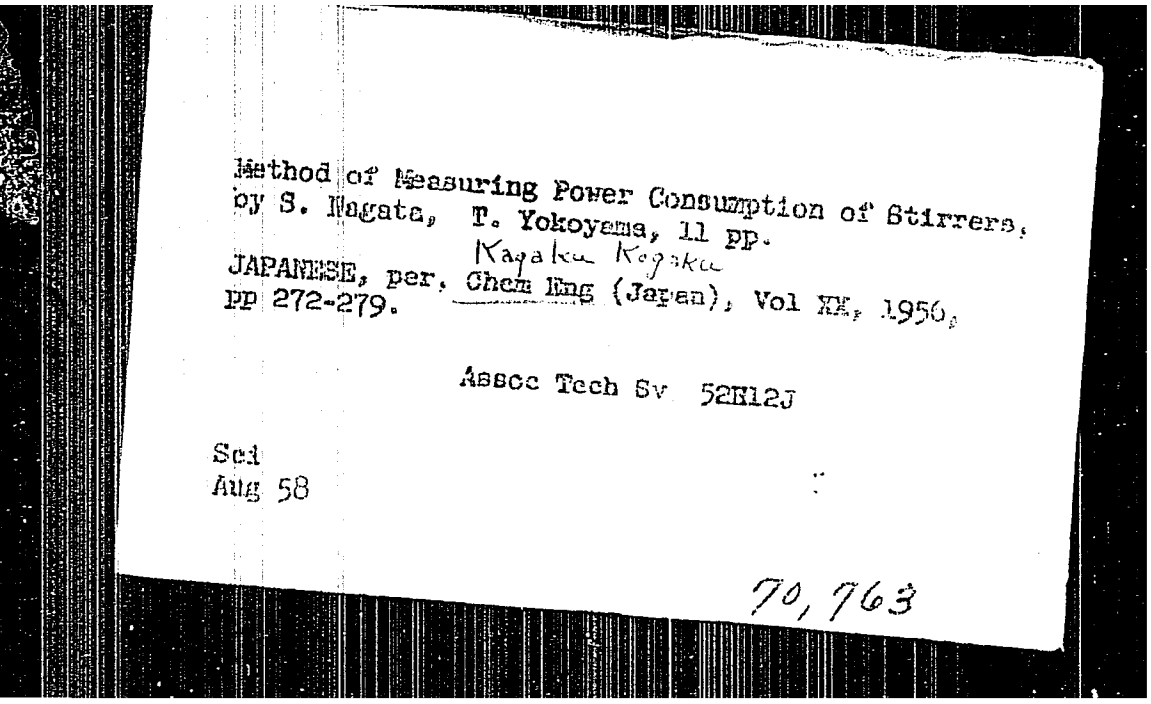

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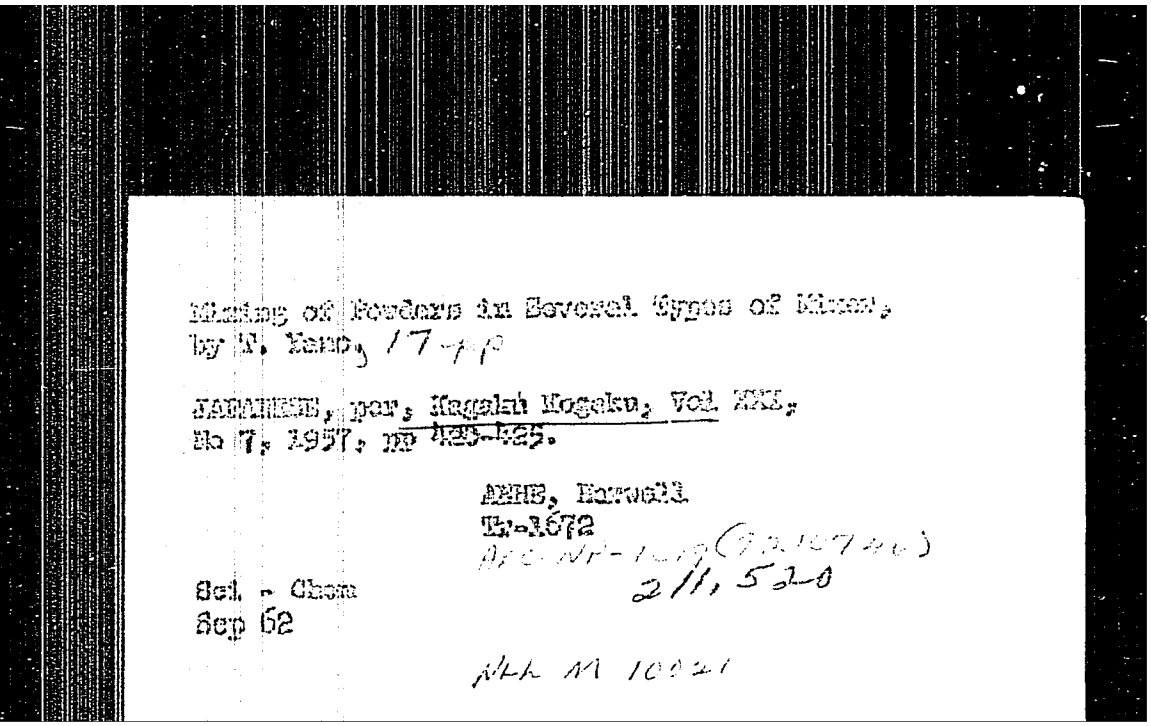

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KINETICS OF THE CATALYTIC HYDROGENATION OF 2-ETHYLHEXENE-2-AL-1 IN THE VAPOR PHASE. [1962] [9]p. 2 refs.
Order from SLA $1.10 62-18927

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DESCRIPTORS: *Plasticizers, Ethyl radicals, Cyclohexenes, *Aldehydes, Vapors, Hydrogenation, Catalysis, Reaction kinetics, Graphic analysis, Tables.

Reaction rate equations for isobaric gaseous hydrogenation of 2-ethyl-hexene-2-al-1 were obtained. An equation was deduced for obtaining the optimum reaction temperature for each rate of conversion. By effective application, the most economical industrial apparatus can be designed. The results of a sample experiment are shown.
(Chemistry--Physical, TT, v. 19, no. 1)

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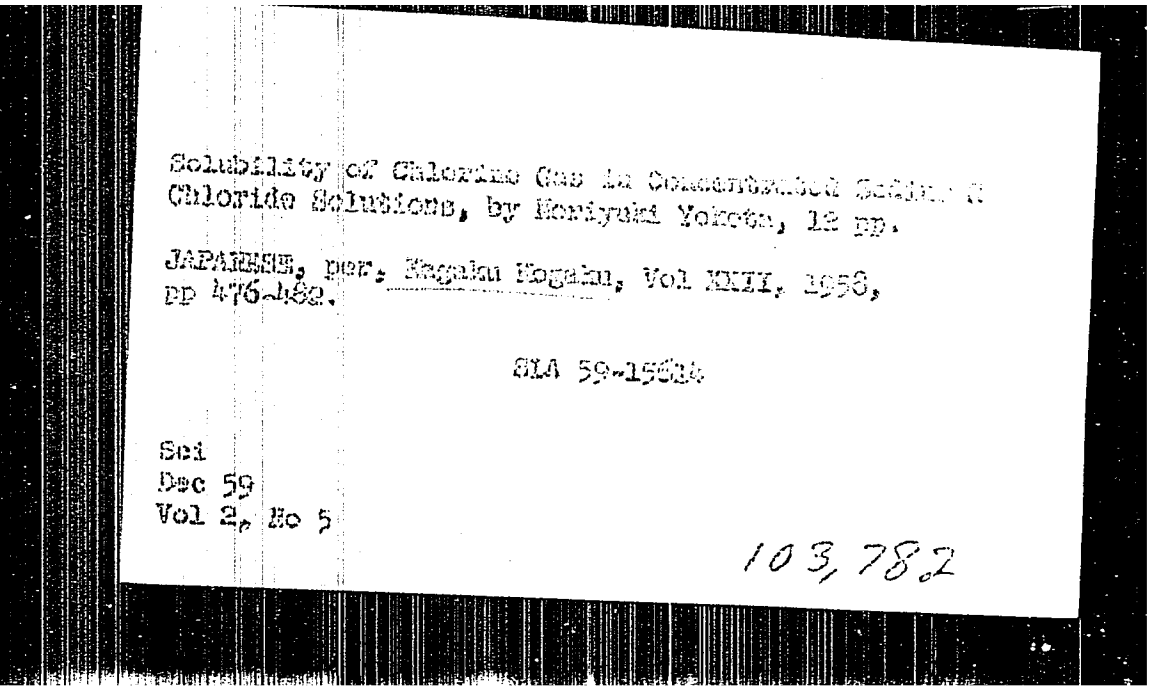

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